



## CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

CIPET : INSTITUTE OF PETROCHEMICALS TECHNOLOGY (IPT) - Chennai

## PROSPECTUS 2024-25

Counseling Code: 1321



TVK Industrial Estate, Guindy, Chennai – 600032

Mobile No: 9840348407, 9937872419,

Email: [chennai@cipet.gov.in](mailto:chennai@cipet.gov.in) ; Website: [www.cipet.gov.in](http://www.cipet.gov.in)

Central Institute of Petrochemicals Engineering & Technology (CIPET) (formerly known as Central Institute of Plastics Engineering & Technology (CIPET)) was established in 1968 by Government of India with the assistance of United Nations Development Programme (UNDP) at Chennai. The main objective of setting up of this specialized institute was to develop manpower in different disciplines of Plastics Engineering & Technology. CIPET : Institute of Petrochemicals Technology (IPT) – Chennai is one of the high learning centers of Central Institute of Petrochemicals Engineering and Technology (CIPET), a premier national institution under the aegis of Department of Chemicals and Petrochemicals, Ministry of Chemicals and Fertilizers, Govt. of India.

**CIPET:IPT Chennai** is having state of the art facilities for plastics processing, tooling and mould manufacturing, product design using CAD/CAM/CAE and testing and quality control of polymeric materials and products. The institute is an ISO 9001:2015 certified institution. The Plastics Testing Centre (PTC) of CIPET:IPT Chennai is accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) and recognized by Bureau of Indian Standards (BIS). CIPET:IPT Chennai is devoted to Skill Training, Technology Support Services, Academics and Research (STAR) to cater to the needs of Plastics and allied industries in India and abroad.

## Vision



✓To become an apex Institute of International repute in the field of Petrochemicals Engineering and Technology and ensure sustainable growth.

▪To offer blend of specialized Academic and Skill Development Training Programs in the field of Petrochemicals Engineering & Technology in order to provide qualified Human Resources with entrepreneurship qualities for Petrochemical & Allied Industries;

## Mission



▪To provide Technology Support in the form of Consultancy Services in the fields of design, tooling, plastics processing, testing & quality assurance and Inspection Services to the Petrochemical Industries including plastic industries through a Quality Management System;

▪Dedicated R&D wings on Petrochemicals will develop New Technology, Applications & Handholding Entrepreneurs by Technology Transfer, Intellectual Property (IP) and Knowledge Base

# PROGRAMMES OFFERED

CIPET:IPT – Chennai offers the following **AICTE** approved UG/PG Programs in affiliation with Anna University, Chennai and Master of Science in affiliation with University of Madras.

S.No.	Program	Branch	Eligibility & Selection Criteria
1	<b>B.Tech.</b> <b>Intake: 60</b>	Plastics Technology	<b>Entry Qualification:</b> Pass in the HSC (Academic: both +1 and +2) / 10 +2 (Academic stream) with Maths, Physics & Chemistry. <b>Age Limit :</b> 21 years <b>Affiliating University:</b> Anna University, Chennai Visit <a href="http://www.annauniv.edu">http://www.annauniv.edu</a> for more information
2	<b>B.E.</b> <b>Intake: 60</b>	Manufacturing Engineering	❖ Eligibility & Selection as per Directorate of Technical Education (DOTE), Govt. of Tamil Nadu. ❖ For admission, Apply through DOTE /TNEA 2024. Visit <a href="http://www.tneaonline.org">http://www.tneaonline.org</a> for applying
3	<b>B.Tech.</b> <b>(Lateral Entry)</b> <b>(Direct Second Year)</b>	Plastics Technology	<b>Entry Qualification:</b> Any Diploma in Engineering/Technology <b>Course Duration:</b> Three Years <b>Age:</b> Min 18 – Max. 26 <b>Affiliating University:</b> Anna University, Chennai Visit <a href="http://www.annauniv.edu">http://www.annauniv.edu</a> for more information
4	<b>B.E.</b> <b>(Lateral Entry)</b> <b>(Direct Second Year)</b>	Manufacturing Engineering	Counseling at Alagappa University - Karaikudi, Tamil Nadu ❖ Eligibility & Selection as per Directorate of Technical Education (DOTE), Govt. of Tamil Nadu. ❖ For admission, Apply through DOTE/TNLEA 2024 Visit <a href="http://www.tnlea.com">http://www.tnlea.com</a> for applying
5	<b>M.Tech.</b> <b>Intake: 18</b>	Plastics Technology	<b>Entry Qualification:</b> B.E./B.Tech./B.Sc., Engg. (4 years) in Mechanical Engg./Chemical Engg./Production Engg./Tech., Polymer Tech./Petroleum Engg./Tech./ Petrochemicals Engg./Tech./Petroleum Refining Engg./ Chemical and Electrochemical Engg./Rubber and Plastic Tech./Textile Engg./Tech., Plastics Technology, Rubber Technology, Manufacturing Engineering (or) M.Sc. in Polymer Science / Chemistry with polymer specialization/Applied Chemistry.

**Counseling Code: 1321**

# PROGRAMMES OFFERED

S.No.	Program	Branch	Eligibility & Selection Criteria
6	M.E. Intake: 18	CAD/CAM	<p><b>Entry Qualification:</b> B.E./B.Tech. (4 years) in Mechanical/Automobile/ Manufacturing /Production/Industrial/Mechatronics/Marine/Aeronautical, Mechanical and Automation Engg., / Aerospace Engg./ Robotics &amp; Automation</p> <p><b>Age Limit:</b> There is no specific age limit to appear for CEETA-PG 2024</p> <p><b>Qualifying Marks:</b> Candidates must have secured a minimum 50% score in the qualifying exam, reserved category candidates must secure a minimum 45%.</p> <p><b>Domicile:</b> Subject to eligibility criteria, other state candidates are eligible to apply.</p> <p><b>Affiliating University:</b> Anna University, Chennai Visit <a href="http://www.annauniv.edu">http://www.annauniv.edu</a> for more information</p> <p>❖Eligibility &amp; Selection as per Anna University norms. ❖For Admission Visit <a href="https://cfa.annauniv.edu/cfa/">https://cfa.annauniv.edu/cfa/</a> Link <a href="https://cfa.annauniv.edu/cfa/ceap.html">https://cfa.annauniv.edu/cfa/ceap.html</a></p> <p><b>Note:</b> Candidates must have appeared GATE 2024 or CEETA-PG 2024 conducted by Anna University to get Admissions into M.Tech. and M.E Programmes.</p>
7	M.Sc. Intake: 26	Applied Polymer Science	<p><b>Entry Qualification:</b> B.Sc., Degree in Chemistry / Industrial Chemistry / Polymer Science / Applied Chemistry / Industrial Polymer Chemistry / Applied Science with Chemistry as one of the major subject. Those who are completed final semester and waiting for final exam also eligible.</p> <p><b>Minimum Age Limit:</b> 21 Years</p> <p><b>Affiliating University :</b> University of Madras, Chennai</p> <p><b>Age Limit:</b> Maximum age limit for candidates must not exceed 45 yrs at the time of admission.</p> <p><b>Domicile:</b> Subject to eligibility criteria, other state candidates are eligible to apply.</p> <p><b>Academic Qualifications:</b> Selection is purely on merit basis (As per the Grades / Marks obtained in B.Sc.) Application form will be issued at CIPET:IPT, Chennai or downloaded from <a href="http://www.cipet.gov.in">www.cipet.gov.in</a></p>

For further details Regarding Admissions Please Contact

**9937872419/9445993846/7358382001**

**Counseling  
Code: 1321**

## CLASS ROOM / CONFERENCE HALL



## VIDEO CONFERNCEING / MUTE ROOM



# LABORATORY FACILITIES

**CHEMISTRY  
LABORATORY**



**PHYSICS  
LABORATORY**



**COMPUTER  
LABORATORY**



**ELECTRICAL  
LABORATORY**



**STRENGTH OF MATERIAL  
LABORATORY**



**FLUID MECHANICS  
LABORATORY**



**MECHATRONICS  
LABORATORY**



**CNC – TOOL ROOM LABORATORY**



# LABORATORY FACILITIES

## CAD/CAM/CAE LABORATORY



## PROCESSING LABORATORY



# LABORATORY & LIBRARY FACILITIES

## TESTING LABORATORY



## LIBRARY



## DIGITAL LIBRARY





# HOSTEL FACILITIES

## BOYS HOSTEL

## GIRLS HOSTEL



**Constructed** : Ground + 8 floors  
**Area** : 9750 Sq.mtr.  
**Capacity** : 950 students

**Constructed** : Ground + 6 floors  
**Area** : 5000 Sq.mtr.  
**Capacity** : 400 students



For outstation students, hostel facilities are available for boys and girls with in the campus. Power backup, Continuous water supply and round the clock security is provided in the hostels.

# ORIENTATION - FRESHERS

## INDUCTION TRAINING



## FRESHER'S DAY



## CIPOFEST 2024



**CP**  
சிபிஈ CIPET

*Congratulations*

**TO THE SELECTED STUDENTS FOR  
INTERNSHIP IN BIS (DELHI)  
BATCH 2021-2025**

**Bureau of Indian Standards**

**Aakash M**  
B.Tech 3 rd yr

**Badhrinath S**  
B.Tech 3 rd yr

**Gowtham M**  
B.Tech 3 rd yr

**Karthick S**  
B.Tech 3 rd yr

**Keerthi Aishwariya**  
B.Tech 3 rd yr

**Vijayalakshmi S**  
B.Tech 3 rd yr

**CIPET: IPT-CHENNAI**

**WORLD RECORDS UNION**  
An Official Registrar of World Records

**CERTIFICATE**

**CIPET Chennai** supported the record attempt for the **largest awareness walkathon (Multi-Route) on recycling plastics covering longest distance of a same city** was achieved by **Walk For Plastic and Vooki** on **29 April 2023 at Chennai, India**

THIS CERTIFICATE STRICTLY MUST NOT TO BE REPRODUCED IN ANY FORM. THE ABOVE RECORD MAY BE SUBJECT TO CHANGE WITH NO DEFINED VALIDITY AND NECESSARILY DOES NOT DENOTE THE RECORD IS SUCCESSFUL.  
ALL INTELLECTUAL PROPERTY RIGHTS RESERVED. VISIT BELOW WEBSITE TO CHECK THE AUTHENTICITY OF THE RECORD PLEASE.  
[www.worldrecordsunion.com](http://www.worldrecordsunion.com)

# Graduation Day

16<sup>th</sup> Graduation Day of CIPET:IPT-Chennai was organized on 4<sup>th</sup> August 2023. Prof (Dr) R. Velraj, Vice Chancellor of Anna University delivered the Graduation Day Address and Prof (Dr) Shishir Sinha, Director General, CIPET addressed the Graduands.



- ❖ Students are the prime stakeholders in the educational institutions. Vibrant campus life is essential for the overall growth of a student.
- ❖ Clubs offer an opportunity for students to express their feelings, analyze and bring out their hidden talents.
- ❖ A variety of clubs helps the students to select the club of their interest, so that they could perform beyond the classroom too.
- ❖ Clubs acts as a stress relief platform for students in a stressful academic system.
- ❖ Student clubs promote the shaping of skills of the students and make them to be ready for real life challenges.
- ❖ Student clubs play a crucial role in determining and channelizing the passion and interest of students, much beyond their academic pursuit.
- ❖ These clubs helps the students to learn new activities from experts and peers.
- ❖ Student clubs help in learning to work as a team which is one of the most essential factors in one's career.
- ❖ These clubs helps to know about themselves, their strengths, and their goals better, and help in generating ideas to serve others.
- ❖ These clubs help in student's transformation and holistic development in a big way.

## Various Club Activities

❖ **ENTREPRENEURSHIP CLUB**

❖ **ENGINEER'S CLUB**

❖ **ENVIRONMENT CLUB**

❖ **MUSIC CLUB**

❖ **PERFORMING ARTS CLUB**

❖ **PHOTOGRAPHY CLUB**

\* In addition National Service Scheme (NSS) is also very active in our campus

## ENGINEER'S CLUB



## ENTREPRENEURSHIP CLUB



## ENVIRONMENT CLUB



# EXTRA CURRICULAR ACTIVITES

## NATIONAL SERVICE SCHEME (NSS)

### Blood Donation Camp



### Road Safety Week



### Signature Campaign on “Voting is our Right”



## THINK GREEN



**CP** CENTRAL INSTITUTE OF PETROCHEMICALS  
ENGINEERING & TECHNOLOGY - IPT Chennai  
Department of Chemicals & Petrochemicals  
Ministry of Chemicals & Fertilizers Govt. of India

CIPET-IPT, CHENNAI  
Organizes

SEMINAR ON  
**CLEAN HABITATION &  
SOLID WASTE  
MANAGEMENT - AWARENESS**

04 SEP 2023 | 11:00 AM

SEMINAR HALL,  
CIPET-IPT CHEBBOI TUK INDUSTRIAL ESTATE,  
GUINDY CHENNAI-52

**GREEN WORLD**

KEYNOTE SPEAKER  
**MR. B. GOWTHAM**  
ARTIST & FOUNDER  
ART KINGDOM AND WALK FOR PLASTIC







## WELLNESS



## HEALTH CARE CENTRE



# SPORTS & AWARDS AND RECORDS

## SPORTS



## RECORDS



## AWARDS RECEIVED



## **Guidelines for Internship / In plant Training / Industrial Visit**

- ✓The internship/in-plant training shall be arranged for the students (of all years except first year) by our Placement Cell as per the guidelines of affiliated universities from time to time
- ✓The duration of the internship/in-plant training shall be fixed by the industry concerned and our institution.
- ✓Generally students are instructed to carry out internship during semester holidays and not during the middle of the semester in order to regulate the attendance.
- ✓Maximum of eight students (by dividing into group of four students each) shall be permitted to carry out internship in an industry as per the guidelines from affiliated universities.
- ✓Students are instructed to submit the internship completion certificate and internship report to our Placement Cell and Class Advisors for submitting a copy to our Principal respectively during completion without fail.
- ✓All cost associated with internship/in-plant training are to be borne by the student.
- ✓Students are instructed to carry out In-plant training for the duration of maximum of five days and eight students (by dividing into group of four students each) shall be permitted in an industry.
- ✓While carrying out internship/in-plant training, students are instructed to wear our college uniform, formal shoes, college id card, and to maintain professionalism inside industry's premises strictly.
- ✓ Students who are willing to carry out internship/in-plant training are instructed to inform the Placement Cell prior to two weeks (fourteen days) for the purpose of verification and follow-up.
- ✓Bonafide certificate shall be issued to the students as per our college norms.

## Guidelines for various Scholarships

The following guidelines are to be adhered by the Students (B.E & B.TECH) for availing First Graduate (FG)/SC-ST/BC-MBC/NSP/PRAGATI scholarship. All kinds of these scholarships need to be renewed every year as per the notifications from Government of Tamil Nadu, AICTE.

✓Students (B.E & B.TECH) who are studying in our college are eligible to apply/avail the FG scholarship as per the criteria framed by Directorate of Technical Education (DOTE), Government of Tamil Nadu.

✓Students (B.E & B.TECH) who are willing to apply/availing First Graduate (FG) scholarship from the affiliated university are not eligible for any other scholarships. The application of FG shall be scrutinized and sanctioned by Government of Tamil Nadu. The sanctioned FG scholarship amount shall be credited to our college's bank account

✓Students (B.E/B.TECH) who are availing the SC/ST scholarship are not eligible to apply/draw FG scholarship. The application of SC/ST scholarship shall be scrutinized by Government of Tamil Nadu and gets sanctioned. The sanctioned SC/ST scholarship amount will be credited directly to beneficiaries bank account.

✓Students (B.E/B.TECH) who are availing BC/MBC community scholarship are not eligible to apply/avail FG scholarship. The application of BC/MBC scholarship shall be scrutinized by Government of Tamil Nadu and gets sanctioned. The sanctioned BC/MBC scholarship amount shall be credited to student's bank account directly.

✓Students (B.E/B.TECH) who are availing minority scholarship such as NSP (National Scholarship Portal) need to update their information as per AICTE guidelines or else false data may lead to rejection. The sanctioned NSP scholarship amount shall be credited to student's bank account directly.

✓After joining in the first year, meritorious female students (including specially-abled) are eligible to apply/draw AICTE Pragati scholarship from AICTE and the same has to be renewed every year. The uploading of incorrect data may lead to rejection. The sanctioned Pragati scholarship amount shall be credited to student's bank account directly.

✓ Students belonging to post graduation are eligible to apply/draw GATE (Graduate Aptitude Test in Engineering) scholarship as per AICTE norms after joining in first year. The sanctioned GATE scholarship amount shall be credited to student's bank account directly.

✓ The Students (B.E/B.TECH/M.E/M.TECH) who are studying in CIPET:IPT Chennai are eligible to apply/avail any one of the following scholarship.

- a. SC & ST Community Scholarship
- b. BC & MBC Community Scholarship
- c. First Graduate (FG) Scholarship
- d. NSP (National Scholarship Portal)
- e. GATE (Graduate Aptitude Test in Engineering) Scholarship
- f. Pragati - By AICTE (only for Girls)
- g. Naan Mudhalvan - 7.5 % (Reservation)
- h. Corporate Social Responsibility (CSR) Funded Scholarship

## Pre-Placement Training & Placement Activities:

❖ The Placement Cell at CIPET : IPT - Chennai is a unique institution for training professionals & skilled workforce for plastics industries for various sectors such as Automobile & Engineering, Electrical & Electronics, Packaging, Building & Construction, Health & Medical, Agricultural & Irrigation, Aerospace & Aeronautical Application, Marine & Shipping, House hold & Consumables etc.

❖ Students completing their education in various programmes are placed successfully every year. The above sectors in the areas of Research & Development (R& D), Testing & Quality control, Design & Tooling \, Processing, Sales & Marketing Service, Techno commercial & Logistics Engineering etc.

❖ The training activities are regularly conducted to enhance the employability skills of students before they appear for campus recruitment drives. In addition, training Programmes are conducted by inviting eminent industry professionals, Alumnus of CIPET to inculcate the technical advancements emerging in industries globally.

# MAJOR CAMPUS RECRUITERS






# FEE STRUCTURE

## UG PROGRAMMES (First Year) for the AY 2024-25

Description	B.Tech.	B.E.
Tuition fees (₹)	50000	50000
Development fees (₹)	5000	5000
#Admission fees (₹)	1000	1000
Caution deposit (₹)	750	750
Janata policy for 4 years (₹)	400	400
CIPET Alumni fees (₹)	130	130
Uniform (₹)	2500	2500
Industrial safety shoe (₹)	850	850
Record note book (₹)	800	800
**Miscellaneous (₹)	1500	1500
*University registration fees (₹)	2055	2055
University Examination fees (₹)	2850	2700
Total (₹)	67,835	67,685

\*Students Affairs / Sports Fee / NSS / Curriculum & syllabi Fee–Rs.2055/- (1550+300+5+200) – for Tamil Nadu Candidates

\*\*DOTE Verf. / Annual Fest / ID card / Club Activities/Youth Red Cross etc.,

**Note:** Revision in the above Fee Structure for current AY 2024-25 is awaited.

# FEE STRUCTURE

## UG PROGRAMMES (Lateral Entry) for the AY 2024-25

Description	B.Tech.	B.E.
Tuition fees (₹)	50000	50000
Development fees (₹)	5000	5000
#Admission fees (₹)	1000	1000
Caution deposit (₹)	750	750
Janata policy for 4 years (₹)	300	300
CIPET Alumni fees (₹)	130	130
Uniform (₹)	2500	2500
Industrial safety shoe (₹)	850	850
Record note book (₹)	800	1000
**Miscellaneous (₹)	1500	1500
*University registration fees (₹)	2055	2055
University Examination fees (₹)	2550	2700
Total (₹)	67,435	67,785

\*Students Affairs / Sports Fee / NSS / Curriculum & syllabi Fee–Rs. 2055/- (1550+300+5+200) – for Tamil Nadu Candidates.

\*Students Affairs / Sports Fee / NSS / Curriculum & syllabi Fee–Rs. 2655/- (2150+300+5+200) – for Other State Candidates

\*\*DOTe Verf. / Annual Fest / ID card / Club Activities/Youth Red Cross etc.,

**Note:** Revision in the above Fee Structure for current AY 2024-25 is awaited.

# FEE STRUCTURE

## PG PROGRAMMES - ENGINEERING for the AY 2024-25

Description	M.Tech./ M.E (T.N State)	M.Tech./ M.E (Other State)
Tution fees (₹)	50000	50000
Development fees (₹)	5000	5000
#Admission fees (₹)	1000	1000
Caution deposit (₹)	750	750
Janata policy for 4 years (₹)	200	200
CIPET Alumni fees (₹)	130	130
Uniform (₹)	2500	2500
Industrial safety shoe (₹)	850	850
Record note book (₹)	800	800
**Miscellaneous (₹)	1500	1500
*University registration fees (₹)	2055	2655
University Examination fees (₹)	7200	7200
Placement Fee (₹)	1000	1000
Total (₹)	72985	73585

\*Students Affairs / Sports Fee / NSS / Curriculum & syllabi Fee–Rs. 2055/- (1550+300+5+200) – for Tamil Nadu Candidates.

\*Students Affairs / Sports Fee / NSS / Curriculum & syllabi Fee–Rs. 2655/- (2150+300+5+200) – for Other State Candidates

\*\*DOTE Verf. / Annual Fest / ID card / Club Activities/Youth Red Cross etc.,

**Note:** Revision in the above Fee Structure for current AY 2024-25 is awaited.

# FEE STRUCTURE

## PG PROGRAMME - SCIENCE for the AY 2024-25

Description	M.Sc.
Tuition fees (₹)	30000
Development fees (₹)	5000
#Admission fees (₹)	1000
Caution deposit (₹)	750
Janata policy for 2 years (₹)	200
CIPET Alumni fees (₹)	130
Uniform (₹)	2500
Industrial safety shoe (₹)	850
Record note book (₹)	400
**Miscellaneous (₹)	1500
University registration fees (₹)	270 /*520
University Examination fees (₹)	2750
Placement fees (₹)	1000
Total (₹)	46,350 /*46,600

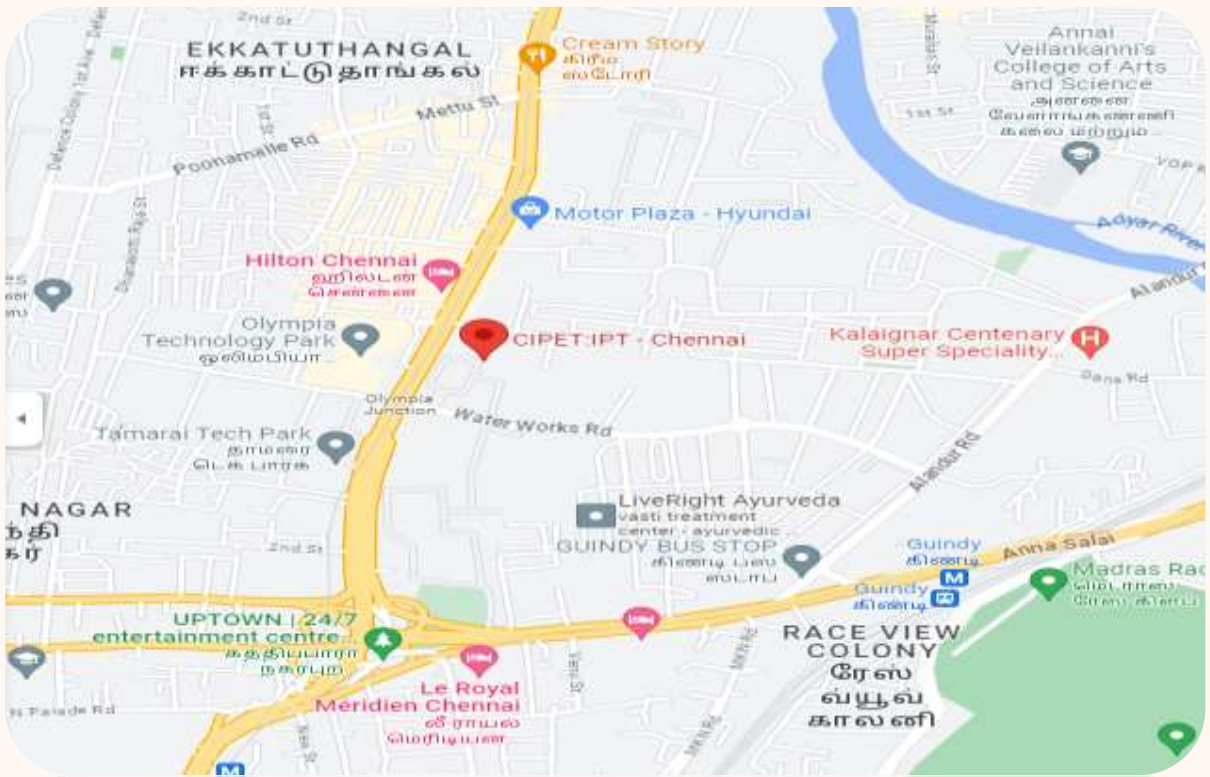
\* UG other than University of Madras

\*\* University of Madras Verf. / Annual Fest / ID card / Club Activities/Youth Red Cross etc.

Scan QR code for  
Payment



# LOCATION MAP OF CIPET:IPT CHENNAI



## How to Reach



- Distance from CIPET : IPT to Airport: 5 Kms
- Distance from CIPET:IPT to Ambal Nagar Bus stand: adjacent to campus
- Distance from CIPET :IPT to Railway station: 1 Kms
- Distance from CIPET :IPT to Ekkattuthangal Metro : adjacent to campus

**PP** CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

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सिपेट CIPET

Counseling  
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